

CLAIMS:

1. A device arranged for context-aware operations, comprising a light sensor for registering incident light originating from an external light source, coupled to filtering means for extracting specific frequency components from the registered incident light which are characteristic for a display screen, determining means for determining the presence of an
5 external display screen upon successful extraction of the specific frequency components by the filtering means, and processing means for adjusting operation of the device in dependence on the output of the determining means.
2. The device of claim 1, comprising embedding means for embedding an
10 identifier for the device in an output signal to be displayed on a display screen.
3. The device of claim 2, in which the embedding means are arranged to embed the identifier by modulating at least part of the output signal.
- 15 4. The device of claim 3, in which said modulating comprises modulating the brightness of the output signal in dependence on the identifier.
5. The device of claim 1, in which the determining means are arranged for obtaining an identifier for the external light source from the extracted frequency components.
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6. The device of claim 5, being coupled to a further light source, and comprising adjusting means for adjusting light emitted by the further light source in dependence on the obtained identifier.
- 25 7. The device of claim 1, in which the determining means are arranged for obtaining information regarding the position of the external light source from the extracted frequency components.

8. The device of claim 1, in which the processing means are arranged for wirelessly broadcasting a communication request in response to detecting the presence of the external light source.